



Practitioner's Docket No.: 789_078

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Nobuhide KATO and Takeya MIYASHITA

Ser. No.: 10/092,389

Art Unit: 1753

Filed: March 6, 2002

Examiner: Noguerola, Alexander

Confirmation No.: 8451

Stephan

For: GAS SENSOR AND METHOD OF HEATING THE SAME

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 17, 2003 under "EXPRESS MAIL" mailing label number EL 99443 5065 US.

Janet M. Stevens

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Copies of each of the references listed on Form PTO-1449 are attached.

In compliance with the concise explanation requirement under 37 CFR § 1.98(a)(3) for foreign language documents, Reference AI (DE 198 60 104 A1) corresponds to Reference AG (U.S. Patent No. 6,258,232).

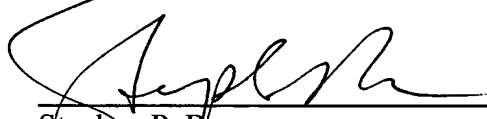
Also enclosed is a copy of a European Search Report bearing a mailing date of November 28, 2003 from a corresponding European patent application, and the U.S. PTO is directed thereto for a concise statement of possible relevance of the references cited therein.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this

application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446.

Respectfully submitted,



Stephen P. Burr
Reg. No. 32,970

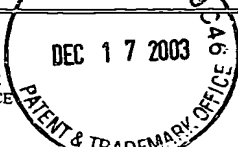
December 17, 2003

Date

SPB:jms

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Form PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>						Complete if Known	
				Application Number	10/092,389		
				Filing Date	March 6, 2002		
				First Named Inventor	Nobuhide KATO		
				Art Unit	1753		
				Examiner Name	Noguerola, Alexander Stephan		
				Confirmation No.	8451		
				Attorney Docket No.	789_078		
Sheet	1	of	1				

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
	AE	4,655,182	04/07/1997	Nakano et al.				
	AF	5,111,792	05/12/1992	Nagai et al.				
	AG	6,258,232	07/10/2001	Hasegawa et al.				

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
	AH	0 695 983 A2	02/07/1986	EP				
	AI	198 60 104 A1	07/01/1999	DE				✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

Examiner:		Date Considered:	
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.